

National Pollutant Discharge Elimination System (NPDES) CSO Monthly Report of Operation (CSO MRO)

State Form 50546 (R4 / 9-15)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

| City: | Waterloo | | | | | | | | | Page ' | 1 of | 9 | | Р | erm | it Number: | INC | 0020711 | |
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| Facility: | Waterloo | Water Po | llution Cont | rol | | | | | | | F | ublic Not | ifica | ation Requi | rem | ents Met? | Υ | | |
| Monitor | ing Period | : | Мау | 2019 | | | | | | | Е | nter "x" if | no | CSO disch | arge | occurred | for t | he month: | |
| Design I | Peak Hour | ly Flow (N | /IGD): | 0.42 | Design Ave | erage Flow | (MGD): | 0.369 | | Measured/ | Met | ered (M) o | or E | stimated (E |) m | ust be spec | ifie | d | |
| WWTF | Influent | Data | | Pre | ecipitation D | Data | | | С | SO Outfall | No. | 101C | | | C | SO Outfall | No. | | |
| Day of Month | Average Daily Flow (MGD) | Peak Hourly Flow (MGD) | Time Precip. Began (am/pm) | Precip. Duration (Hours) | Total Daily Precip. (Inches) | Peak Intensity (Inch/hr) | Measureme nt Interval (hr, 30 m, 15 m) | Time Discharge Began | M or E | Event Duration (Hours) | M or E | Event Discharg e (MG) | M or E | Time Discharge Began | M or E | Event Duration (Hours) | M or E | Event Discharge (MG) | M or E |
| 1 | 0.64 | 0.89 | 11:59 PM | 2.28 | 0.48 | 0.14 | 15 min | 12:01 AM | М | 24.00 | М | 2.932 | | | | | | | |
| 2 | 0.69 | 0.89 | | | 0.80 | | | 12:01 AM | М | 24.00 | М | 2.639 | | | | | | | |
| 3 | 1.30 | 0.81 | 2:38 PM | 2.48 | 0.14 | 0.03 | 15 min | 12:01 AM | М | 24.00 | М | 2.25 | | | | | | | |
| 4 | 0.58 | 0.67 | | | | | | 12:01 AM | М | 24.00 | М | 0.378 | | | | | | | |
| 5 | 0.60 | 0.72 | | | | | | 12:01 AM | М | 24.00 | М | 0.132 | | | | | | | |
| 6 | 0.55 | 1.04 | | | | | | 12:01 AM | М | 3.00 | М | 0.008 | | | | | | | |
| 7 | 0.57 | 1.10 | | | | | | | | | | | | | | | | | |
| 8 | 0.58 | 1.03 | | | | | | | | | | | | | | | | | |
| 9 | 0.57 | 0.85 | 10:00 AM | 2.18 | 0.37 | 0.20 | 15 min | | | | | | | | | | | | |
| 10 | 0.49 | 0.82 | | | | | | | | | | | | | | | | | |
| 11 | 0.45 | 0.75 | 21:08 PM | 1.75 | 0.07 | 0.01 | 15 min | | | | | | | | | | | | |
| 12 | 0.35 | 0.72 | 15:09 PM | 2.45 | 0.15 | 0.04 | 15 min | | | | | | | | | | | | |
| 13 | 0.48 | 0.72 | 2:22 AM | 4.47 | 0.30 | .03. | 15 min | | | | | | | | | | | | |
| 14 | 0.36 | 0.60 | | | | | | | | | | | | | | | | | |
| 15 | 0.31 | 0.58 | | | | | | | | | | | | | | | | | |
| 16 | 0.32 | 0.76 | 21:34 PM | 2.12 | 0.99 | 0.59 | 15 min | | | | | | | | | | | | |
| 17 | 0.69 | 0.88 | 12:20 AM | 1.92 | 0.18 | 0.07 | 15 min | | | | | | | | | | | | |
| 18 | 0.64 | 0.75 | 23:59 PM | 0.45 | 0.01 | 0.01 | 15 min | | | | | | | | | | | | |
| 19 | 0.56 | 0.78 | 12:41 PM | 1.35 | 0.06 | 0.02 | 15 min | | | | | | | | | | | | |
| 20 | 0.54 | 1.16 | | | | | | | | | | | | | | | | | |
| 21 | 0.49 | 0.78 | 9:38 AM | 1.00 | 0.04 | 0.01 | 15 min | | | | | | | | | | | | |
| 22 | 0.64 | 0.81 | 5:39 AM | 3.90 | 0.59 | 0.14 | 15 min | | | | | | | | | | | | |
| 23 | 0.65 | 0.88 | 5:13 AM | 1.43 | 0.27 | 0.14 | 15 min | | | | | | | | | | | | |
| 24 | 0.62 | 0.82 | 9:01 AM | 0.97 | 0.05 | 0.03 | 15 min | | | | | | | | | | | | |
| 25 | 0.53 | 0.75 | 14:40 pm | 0.33 | 0.02 | 0.02 | 15 min | | | | | | | | | | | | |
| 26 | 0.54 | 0.75 | 5:13 AM | 1.85 | 0.28 | 0.11 | 15 min | | | | | | | | | | | | |
| 27 | 0.51 | 0.78 | 17:39 pm | 2.67 | 0.25 | 0.05 | 15 min | | | | | | | | | | | | |
| 28 | 0.45 | 0.66 | 4:00 AM | 0.28 | 0.08 | 0.08 | 15 min | | | | | | | | | | | | |
| 29 | 0.37 | 0.61 | 7:30 AM | 0.25 | 0.01 | 0.01 | 15 min | | | | | | | | | | | | |
| 30 | 0.33 | 0.59 | 5:29 AM | 0.25 | 0.01 | 0.01 | 15 min | | | | | | | | | | | | |
| 31 | 0.26 | 0.53 | | | | | | | | | | | | | | | | | |
| Totals: | 16.65 | | | 34.38 | 5.15 | | | 6 | Da ys | 123.00 | | 8.339 | | 0 | Da ys | 0.00 | | 0 | |
| Typed or Printed Name and Title of Principal Executive Officer or Authorized Agent Telephone | | | | | | | | | | | | | | | | | | | |
| | | | | | David | d Bolton | | | | | | | | | | 260-908-3 | 250 | | |

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION; THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

| Signature of Principal Executive Officer or Authorized Agent | Date (mm/dd/yy) |
|--|-----------------|
| David Bolton | 06/07/19 |



| City: | Waterloo | IND | IANA DEP | AKII | VIENT OF E | IVVI | RONMENTAL | _ IVI / | ANAGEWE | NI. | | | Page 2 | of | 9 | | F | erm | nit Number: | IN | 0020711 | | | |
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| | Waterloo | Wat | ter Pollu | tion | Control | | | | | | | | | | | ifica | | | ents Met? | _ | | | | |
| | ing Period: | | | May | 2019 | | | | | | | | | | | | | | discharge | | curred fo | or th | e month: | |
| Design I | Peak Flow (| (Ηοι | ırly) (MGI | D): | 0.42 | | Design Fl | ow | (MGD): | | 0.369 | | Measured/l | Met | ered (M) o | or E | stimated (E | Ē) m | ust be spec | cifie | d | | | |
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| | Time | М | Event | М | Event | М | Time | М | Event | М | Event | М | Time | М | Event | М | Event | М | Time | М | Event | | Event | |
| Day of Month | Discharge | or | Duration | or E | Discharge (MG) | | Discharge | or E | Duration | or E | Discharge (MG) | or | Discharge | or E | Duration | or E | Discharge (MG) | or E | Discharge | or E | Duration | M | Discharge (MG) | М |
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| City: | Waterloo | | | | | | | | | | | | Page 3 | of | 9 | | Po | erm | it Number: | IN | 0020711 | | | |
| Facility: | Waterloo | Wa | ter Pollu | tior | n Control | | | | | | | | | Pυ | blic Notif | ica | tion Requi | ren | ents Met? | Υ | | | | |
| Monitor | ing Period: | | l | Мау | 2019 | | | | | | | | | | Ente | er " | x" if no C | so | discharge | 00 | curred fo | or th | e month: | |
| Design | Peak Flow (| Ηοι | ırly) (MGI | D): | 0.42 | | Design Fl | ow | (MGD): | | 0.369 | | Measured/ | Met | ered (M) o | or E | stimated (| E) ı | nust be spe | cifi | ed | | | |
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| Day of Month | Time Discharge Began | M or E | Event Duration (Hours) | | Event Discharge (MG) | M or E | | M or E | Event Duration (Hours) | M or E | Event Discharge (MG) | M or E | Time Discharge Began | M or E | Event Duration (Hours) | M or E | Event Discharge (MG) | M or E | | M or E | Event Duration (Hours) | M or E | Event Discharge (MG) | M or E |
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| _ | Waterloo | | | | | | | | | | | | Page 4 | of | 9 | | F | erm | it Number: | IN | 0020711 | | | |
| Facility: | Waterloo | Wat | ter Pollu | tion | Control | | | | | | | | | Р | ublic Not | ifica | tion Requ | iren | ents Met? | Υ | | | | |
| Monitor | ing Period: | | | May | 2019 | | | | | | | | | | Ente | er " | x" if no C | SO | discharge | ОС | curred fo | r th | e month: | |
| Design | Peak Flow (| Ηοι | urly) (MGI | D): | 0.42 | | Design Fl | ow | (MGD): | | 0.369 | | Measured/ | Met | ered (M) o | or E | stimated (| E) m | ust be spe | cifie | ed | | | |
| | | CS | O Outfall | No. | | | | cs | O Outfall | No. | | | | cs | O Outfall | No. | | | | CS | O Outfall | No. | | |
| Day of Month | Time Discharge Began | M or E | Event Duration (Hours) | M or E | Event Discharge (MG) | M or E | Time Discharge Began | M or E | Event Duration (Hours) | M or E | Event Discharge (MG) | M or E | Time Discharge Began | M or E | Event Duration (Hours) | M or E | Event Discharge (MG) | M or E | Time Discharge Began | M or E | Duration | M or E | Event Discharge (MG) | M or E |
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| City: | Waterloo | IIIDI | IANA DEL | XIX I I | WILINI OI L | 1441 | RONMENTAL | _ IVI <i>T</i> | MAGENIEI | <u> </u> | | | Page 5 | of | 9 | | F | erm | nit Number: | IN | 0020711 | | | |
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| Facility: | Waterloo ' | Wat | ter Pollu | tion | Control | | | | | | | | | Р | ublic Noti | fica | tion Requ | iren | nents Met? | Υ | | | | |
| Monitori | ing Period: | | ı | Vlay | 2019 | | | | | | | | | | Ente | er ": | x" if no C | so | discharge | ОС | curred fo | r th | e month: | |
| Design I | Peak Flow (| Ηοι | ırly) (MGI | D): | 0.42 | | Design Fl | ow | (MGD): | | 0.369 | 1 | Measured/ | Met | ered (M) c | r E | stimated (| E) m | ust be spe | cifie | ed | | | |
| | | cs | O Outfall | No. | | | | cs | O Outfall | No. | | | | cs | O Outfall | No. | | | | C | SO Outfall | No. | | |
| Day of Month | Time Discharge Began | M or E | Event Duration (Hours) | M or E | Event Discharge (MG) | M or E | Time Discharge Began | M or E | Event Duration (Hours) | M or E | Event Discharge (MG) | M or E | Time Discharge Began | M or E | Event Duration (Hours) | M or E | Event Discharge (MG) | M or E | Time Discharge Began | M or E | | M or E | Event Discharge (MG) | M or E |
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| Facility: | Waterloo | Wa | ter Pollu | tion | Control | | | | | | | | | Р | ublic Not | ifica | tion Requ | irem | ents Met? | Υ | | | | |
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| | Waterloo Water Pollution Control ing Period: May 2019 | | | | | | | | | | | | r age c | | | ifica | | | nents Met? | | 0020711 | | | |
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